

Declass Review by
NIMA/DOD

October 10, 1964

PROCESSOR DEVELOPMENT PROGRAM

STAT

[redacted] has returned to the [redacted] from his Westover assignment and has been full time on this program for a couple of weeks. Ivan is enthusiastic over the program and has started off energetically. He has completed a small task to determine minimum capstan diameter for film to conform to a 180° bend most readily. He is planning four more tasks and hopes to have the work statements ready for discussion with George on his visit planned for the week of October 19. These tasks will be concerned with:

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1. Pump evaluation tests.
2. Pipe and pipe fitting pressure drop tests.
3. Liquid bearing tests.
4. Positive pressure capstan operation.

Ivan had a very enlightening experience with clean rooms at [redacted]. He feels it is important to determine whether it is even possible to operate a clean room in a clean condition. He plans to maintain a strict schedule and log of activities. He feels he needs to devise new methods of measuring cleanliness. Ivan firmly believes that determining the effectiveness of a clean room will be an important contribution.

For the clean room, [redacted] will drop ship the stainless steel wall modules, floor beams, etc., at [redacted] on October 20. [redacted] hopes to have the demolition complete and ready for [redacted] to move right in and start assembly. If things move right along, they think the clean room will be complete in about 60 days.

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One of the major bottlenecks has been getting building permits. [redacted] has been working closely with

ATA/3A

No decision has to be made regarding possible installation of the SAC HTA/3A processor in the Clean Room at this time.
Reason: [redacted] not ready for use - Not yet authorized by SAC - Clean Room not even near ready. KPT.

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the architect and they expect to have the permits Monday, October 13. Howard has been continually making revisions to the floor plan, within the constraints of their commitment to [] to get a more efficient operation. They have re-examined the air conditioning requirement and believe they need a 15-ton unit because of the heat and flow generated by the air bearings and the dryer. The water supply for the lab will be conditioned by a de-ionization system.

[] is not very enthusiastic over the possibility of setting up the SAC HTA-3A in the clean room. He thinks it might be better if it were set up outside. [] has the HTA-3A in their plant for upgrading but no authorization from SAC to proceed yet, so they can't touch it.

1. []
2. []
3. []
4. []

[]

[]